



HSIP Project Submission

Proposal Information			
District		County	
Comments			
File Name		Supervised By	

Roadway Information			
Primary Roadway		Control Section(s)	
Limits From		DFO*	
Limits To		DFO*	

*Lat/Long pairs for off-system

On or Off System		Speed Limit	
Length		Current AADT	

Intersecting Roadway		Speed Limit	
On or Off System		Current AADT	

Project Information				
Targeted or Systemic		Crashes	K	
Work Code(s)			A	
Preferred Letting			B	
			SII	

Estimate	
Bid Items (See Guidelines instructions)	
ROW (if required)	
Mobilization and Barricades ($\geq 8\%$)	
Safety (2-5%)	
Inflation ($\geq 10\%$)	
Total	

Airline Road at McArdle Road Intersection

ITEM	SPEC NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL	TxDOT AVG UNIT PRICE
1	162 6002	BLOCK SODDING	SY	100	\$6.00	\$600.00	\$3.22
2	416 6032	DRILL SHAFT (TRF SIG POLE) (36 IN)	LF	64	\$400.00	\$25,600.00	\$271.13
3	506 6038	TEMP SEDMT CONT FENCE (INSTALL)	LF	150	\$10.00	\$1,500.00	\$2.42
4	506 6039	TEMP SEDMT CONT FENCE (REMOVE)	LF	150	\$1.00	\$150.00	\$0.68
5	506 6047	TEMP SDMT CONT FENCE (INLET PROTECTION	LF	60	\$20.00	\$1,200.00	\$9.41
6	529 6008	CONC CURB & GUTTER (TY II)	LF	100	\$30.00	\$3,000.00	\$17.93
7	531 6001	CONC SIDEWALKS (4")	SY	50	\$100.00	\$5,000.00	\$47.66
8	531 6004	CURB RAMPS (TY 1)	EA	4	\$2,000.00	\$8,000.00	\$1,414.00
9	618 6023	CONDT (PVC) (SCH 40) (2")	LF	50	\$15.00	\$750.00	\$255.09
10	618 6024	CONDT (PVC) (SCH 40) (2") (BORE)	LF	180	\$30.00	\$5,400.00	\$2.72
11	618 6033	CONDT (PVC) (SCH 40) (4")	LF	50	\$25.00	\$1,250.00	\$255.09
12	618 6034	CONDT (PVC) (SCH 40) (4") (BORE)	LF	180	\$40.00	\$7,200.00	\$2.72
13	620 6004	ELEC CONDR (NO.12) INSULATED	LF	1400	\$1.09	\$1,526.00	\$1.09
14	620 6009	ELEC CONDR (NO.6) BARE	LF	200	\$1.26	\$252.00	\$1.26
15	620 6010	ELEC CONDR (NO.6) INSULATED	LF	200	\$1.50	\$300.00	\$1.50
16	621 6005	TRAY CABLE (4 CONDR) (12 AWG)	LF	250	\$2.39	\$597.50	\$2.39
17	624 6010	GROUND BOX TY D (162922)W/APRON	EA	7	\$970.43	\$6,793.01	\$970.43
18	628 6116	ELC SRV TY D 120/240 060(NS)AL(E)SP(O)	EA	1	\$5,450.00	\$5,450.00	\$5,450.00
19	668 6076	PREFAB PAV MRK TY C (W) (24") (SLD)	LF	360	\$11.42	\$4,111.20	\$11.42
20	668 6077	PREFAB PAV MRK TY C (W) (ARROW)	EA	4	\$196.64	\$786.56	\$196.64
21	668 6085	PREFAB PAV MRK TY C (W) (WORD)	LF	4	\$255.09	\$1,020.36	\$255.09
22	677 6007	ELIM EXT PAV MRK & MRKS (24")	LF	360	\$2.72	\$979.20	\$2.72
23	677 6008	ELIM EXT PAV MRK & MRKS (ARROW)	EA	4	\$46.27	\$185.08	\$46.27
24	677 6012	ELIM EXT PAV MRK & MRKS (WORD)	EA	4	\$54.16	\$216.64	\$54.16
25	680 6002	INSTALL HWY TRF SIG (ISOLATED)	EA	1	\$30,000.00	\$30,000.00	\$20,872.20
26	680 6004	REMOVING TRAFFIC SIGNALS	EA	4	\$3,732.26	\$14,929.04	\$3,732.26
27	682 6001	VEH SIG SEC (12")LED(GRN)	EA	8	\$236.27	\$1,890.16	\$236.27
28	682 6002	VEH SIG SEC (12")LED(GRN ARW)	EA	4	\$238.05	\$952.20	\$238.05
29	682 6003	VEH SIG SEC (12")LED(YEL)	EA	8	\$251.80	\$2,014.40	\$251.80
30	685 6004	VEH SIG SEC (12")LED(YEL ARW)	EA	4	\$230.21	\$920.84	\$230.21
31	682 6005	VEH SIG SEC (12")LED(RED)	EA	8	\$240.60	\$1,924.80	\$240.60
32	682 6006	VEH SIG SEC (12")LED(RED ARW)	EA	4	\$227.75	\$911.00	\$227.75
33	682 6018	PED SIG SEC (LED)(COUNTDOWN)	EA	8	\$616.42	\$4,931.36	\$616.42
34	682 6023	BACK PLATE (12") (3 SEC)	EA	8	\$81.50	\$652.00	\$81.50
35	682 6024	BACK PLATE (12") (4 SEC)	EA	4	\$88.92	\$355.68	\$88.92
36	684 6033	TRF SIG CBL (TY A) (14 AWG) (7 CONDR)	LF	200	\$1.93	\$386.00	\$1.93
37	684 6042	TRF SIG CBL (TY A) (14 AWG) (16 CONDR)	LF	500	\$3.89	\$1,945.00	\$3.89
38	686 6042	INS TRF SIG PL AM(S)1 ARM(40')ILSN	EA	2	\$8,000.00	\$16,000.00	\$5,600.00
39	686 6048	INS TRF SIG PL AM(S)1 ARM(44')LUM&ILSN	EA	2	\$10,000.00	\$20,000.00	\$7,189.34
40	687 6001	PED POLE ASSEMBLY	EA	3	\$1,844.26	\$5,532.78	\$1,844.26
41	687 6005	REMOVE PED POLE ASSEMBLY	EA	3	\$212.00	\$636.00	\$212.00
42	688 6001	PED DETECT PUSH BUTTON (APS)	EA	8	\$874.64	\$6,997.12	\$874.64
43	690 6009	REMOVAL OF CABLES	LF	1500	\$0.89	\$1,335.00	\$0.89
44	690 6024	REMOVAL OF SIGNAL HEAD ASSM	EA	12	\$120.27	\$1,443.24	\$120.27
45	690 6038	REMOVAL OF CONTROL CABINET (GRND MNT)	EA	1	\$853.46	\$853.46	\$853.46
46	690 6131	INSTALL BBU SYSTEM	EA	1	\$8,450.00	\$8,450.00	\$8,450.00
47	*	RADAR PRESENCE DETECTOR	EA	4	\$7,000.00	\$28,000.00	*
48	*	RADAR PRESENCE DETECTOR COMM CABLE	LF	300	\$6.00	\$1,800.00	*
49	*	PTZ CAMERA (PELCO SPECTRA ENHANCED SERIES)	EA	1	\$5,000.00	\$5,000.00	*
50	*	ETHERNET CABLE CAT 6	LF	300	\$5.00	\$1,500.00	*
51	*	CONTROLLER ECONOLITE COBALT	EA	1	\$5,000.00	\$5,000.00	*
52	*	CONTROLLER CABINET (TS-2) W/EXTENSION	EA	1	\$10,000.00	\$10,000.00	*
53	*	ETHERNET 4000 SWITCH	EA	1	\$5,000.00	\$5,000.00	*
54	*	DA-400	EA	1	\$3,500.00	\$3,500.00	*
Note: Yellow highlight notes a deviation from TxDOT Average Unit Price			Subtotal			\$264,727.63	
55	500 6001	MOBILIZATION	LS	1	\$21,178.21	\$21,178.21	
56	502 6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	2	\$7,941.83	\$15,883.66	
Bid Items (not including 500 & 502)						\$264,727.63	
ROW (if required)						\$0.00	
Mobilization and Barricades (≥8%)						\$37,061.87	
Safety (2-5%)						\$15,089.47	
Inflation (≥10%)						\$31,687.90	
Total Construction Cost						\$348,566.87	



EXHIBIT
TRAFFIC SIGNAL IMPROVEMENTS – AIRLINE ROAD AT MCARDLE ROAD